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57 CW

22-60 EVEN

22. $\sqrt[3]{4}$ 24. $x^{\frac{8}{3}}$ 26. $62^{\frac{1}{5}}$ 28. $5^{\frac{1}{3}} x^{\frac{2}{3}} y^{\frac{1}{3}}$

30. 6 32. $\frac{1}{27}$ 34. $-\frac{1}{8}$ 36. $8^4 = 4096$ 38. $(\frac{1}{3})^3 = 27$

40. $\frac{2}{4} = \frac{1}{2}$ 42. x^3 44. $a^{\frac{3}{16}} a^{\frac{1}{4}} \sqrt{a}$ 46. $\frac{x^{\frac{5}{2}}}{x} = \frac{\sqrt[4]{x^5}}{x}$

48. $\frac{r^{\frac{3}{2}}}{r^{\frac{1}{2}}} = r^{\frac{1}{2}} = \sqrt{r}$ 50. $\frac{2c^{\frac{1}{6}}}{c^{-\frac{1}{6}} c^{\frac{1}{4}}}$ $c^{\frac{1}{6}} c^{\frac{1}{6}}$ $\frac{c^{\frac{3}{6}}}{\frac{1}{6}}$

52. $\frac{x^{\frac{1}{2}} + 2}{x^{\frac{1}{2}} - 1} \cdot \frac{x^{\frac{1}{2}} + 1}{x^{\frac{1}{2}} + 1} = \frac{x + 3\sqrt{x} + 2}{x - 1}$

$\frac{2}{c^{\frac{1}{6}}} \cdot \frac{c^{\frac{16}{6}}}{c^{\frac{16}{6}}} = \frac{2\sqrt[6]{c^{16}}}{c}$

54. $\frac{\sqrt[6]{27}}{\sqrt[6]{3^3}} = \sqrt{3}$

60. $\frac{ab}{\sqrt[3]{c}} \cdot \frac{\sqrt[3]{c^2}}{\sqrt[3]{c^2}} = \frac{ab\sqrt[3]{c^2}}{c}$

56. $\sqrt[3]{5} \cdot \sqrt{5^3}$
 $5^{\frac{1}{3}} \cdot 5^{\frac{3}{2}} = 5^{\frac{11}{6}}$
 $5^{\frac{11}{6}} = 5^{\frac{11}{6}}$

58. $\frac{\sqrt[6]{81a^4b^9}}{\sqrt[3]{3^4a^4b^8}}$

$\sqrt[3]{3^2a^2b^4}$

$6\sqrt[3]{9a^2b}$